

WHAT IS CLAIMED IS:

1. An information recognition device performing recognition processing on characters comprising:

an input unit for entering handwriting data representing a character to be subjected to said recognition processing;

5 a storage unit storing first information required for recognition of the character by a character recognition module and second information concerning power consumption of said information recognition device that is set in connection with the recognition processing;

10 the character recognition module recognizing the character based on said handwriting data and said first information;

an output unit outputting the character recognized by said character recognition module;

a power management unit managing power consumption of said information recognition device; and

15 a control module controlling said power management unit based on said second information.

2. The information recognition device according to claim 1, wherein said storage unit is a dictionary memory provided for each language of characters to be recognized, and said information recognition device further comprises a holding unit detachably holding said dictionary memory for replacing said dictionary memory to change the language to be recognized,

5 said dictionary memory stores, as said second information, information concerning an operating frequency of said information recognition device that is set for each language of characters to be recognized, and

10 said control module calculates an optimum operating frequency based on said second information and controls said power management unit in such a way that the operating frequency of said information recognition device is changed to said calculated operating frequency.

3. The information recognition device according to claim 1, further comprising a limitation module limiting the type of characters to be recognized, wherein

5 said storage unit stores, as said second information, information concerning an operating frequency of said information recognition device that is set according to said limited type of characters to be recognized, and
said control module calculates an optimum operating frequency based on said limited type of characters and said second information and controls said power management unit in such a way that the operating
10 frequency of said information recognition device is changed to said calculated operating frequency.

4. The information recognition device according to claim 1, further comprising a calculation module calculating the number of strokes of a character to be recognized based on said handwriting data, wherein

5 said storage unit stores, as said second information, information concerning an operating frequency of said information recognition device that is set according to said number of strokes of the character to be recognized, and
said control module calculates an optimum operating frequency based on said calculated number of strokes of the character to be recognized
10 and said second information and controls said power management unit in such a way that the operating frequency of said information recognition device is changed to said calculated operating frequency.

5. The information recognition device according to claim 1, wherein said character recognition module narrows down candidates for a character to be recognized step-by-step to recognize the character,

5 said storage unit stores, as said second information, information concerning an operating frequency of said information recognition device that is set according to the number of said candidates for the character to be recognized, and
said control module calculates an optimum operating frequency

10 based on said number of candidates for the character to be recognized and said second information and controls said power management unit in such a way that the operating frequency of said information recognition device is changed to said calculated operating frequency.

6. The information recognition device according to claim 1, further comprising a prediction module predicting candidates for a subsequently entered character based on a recognition history, wherein
5 said storage unit stores, as said second information, information concerning an operating frequency of said information recognition device that is set according to the number of said candidates for the character, and said control module calculates an optimum operating frequency based on the number of said predicted candidates for the character to be recognized and said second information and controls said power
10 management unit in such a way that the operating frequency of said information recognition device is changed to said calculated operating frequency.

7. The information recognition device according to claim 1, wherein said power management unit manages power consumption of said information recognition device by changing an operating voltage of said information recognition device based on an instruction in accordance with
5 said second information supplied from said control module.

8. An information recognition device performing recognition processing on voice comprising:
an input unit for entering voice data representing voice to be subjected to said recognition processing;
5 a storage unit storing first information required for voice recognition by a voice recognition module and second information concerning power consumption of said information recognition device that is set according to voice to be recognized;
the voice recognition module recognizing voice based on the voice

- 10 data entered from said input unit and said first information stored in said storage unit;
an output unit outputting the voice recognized by said voice recognition module;
a power management unit managing power consumption of said
- 15 information recognition device; and
a control module controlling said power management unit based on the second information stored in said storage unit.